



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
ONSITE SEWAGE PROGRAM
REGISTERED OWTS INSTALLER'S CEU EXERCISE

Health and Safety – Questionnaire #101

May 2006

Expiration Date: November 30, 2006

Subject to link availability

For Continuing Education Unit (CEU) credit, read the following publications and complete the questionnaire and return the completed questionnaire by either mailing to DHSS, Onsite Sewage Program, P.O. Box 570, Jefferson City, MO 65102, or faxing to 573-526-7377.	CEU	Installer	Inspector	OSE	Perc Tester
Excavation Cave-Ins http://www.cdc.gov/niosh/85-110.html	0.5	✓	✓	✓	✓
Electrical Energy Safety http://www.cdc.gov/niosh/87-103.html	0.5	✓	✓		
Outdoor Worker Safety http://www.osha-slc.gov/Publications/osha3154.pdf http://www.osha-slc.gov/Publications/osha3166.pdf and http://www.osha-slc.gov/OshDoc/data_LymeFacts/lymefac.pdf	0.5	✓	✓	✓	✓

INSTALLER TOTAL 1.5

I, _____, _____, _____, _____
Last First Middle Initial Installer ID Number

have read the publications listed above and completed the following questions:

Signature Contact Phone Number Date

Excavation Cave-Ins

1. What do the OSHA standards for excavations and trenches require?

2. The classification of _____ is a major issue surrounding existing OSHA standards for excavations, trenching and shoring.

3. In the fatal accident cases, describe what was not present:

4. What is required in the OSHA standards when excavations or trenches are located adjacent to previously backfilled excavations or where excavations are subjected to vibrations from railroad or highway traffic, the operation of machinery, or other sources:

5. What is your opinion on why protective measures may not have been used.

6. What do the letters NIOSH stand for? _____

7. In the *Development of Draft Construction Safety Standards for Excavations*, the national Bureau of Standards (NBS) and NIOSH recommend:

8. The consistent lack of evidence of compliance with existing regulations in the four incidents described in this article suggests that employers are either:

a.

b.

9. What are the three recommendations that NIOSH made:

a.

b.

c.

Electrical Energy Safety

1. Studies show that electrocution victims can be revived if the following are provided: _____ or

2. Although this article is almost 20 years old the effective measures to control electrical hazards at the work place haven't changed, list those measures:

a.

 b.

c.

 d.

e.

3. In the case reports there was one accident victim who was successfully resuscitated. The reports attribute this to what: _____

4. What does CPR stand for: _____

(True or False)

5. T F Exposures to low voltage do not cause thermal injury.
6. T F The "buddy system" should be established when working with electric energy.
7. T F It is important that the electrical system be de-energized before rescuing someone who remains in contact with an electrical energy source.
8. T F The National Electrical Code divided voltages into two categories: greater than 600 volts (high voltage) and less than or equal to 600 volts (low voltage).

9. CPR courses are offered by several organizations, name two:

- a. _____
b. _____

10. Case #2 is an example of when the victim was exposed to _____ voltage.

Outdoor Worker Safety

1. What are five things you can do to protect yourself from the sun's harmful rays?

- a. _____ b. _____
c. _____ d. _____
e. _____

2. Using the National Lyme disease risk map, what is your risk for exposure to ticks carrying Lyme disease: _____

(True or False)

3. T F A hot match is the best way to remove a tick.

4. T F A person can die from heat stroke.

5. T F Heat and humidity can be a serious health threat during the summer, so to avoid problems remember, soda is a good beverage to quench your thirst.

6. What factors lead to heat stress?

7. Untreated Lyme disease may result in symptoms that are severe, chronic and disabling; such as: _____, _____ and _____

8. A majority of people with Lyme disease develop a "bull's eye" rash, however _____ to _____ percent of persons who have the disease do not have a rash.

9. Which of the "working outdoors" hazards poses the greatest risk to yourself or your employees?

Suggested Topics or Comments: _____

